

INTERNATIONAL SEARCH REPORT

Int./App. No.

PC/CA 03/00919

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C25C7/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C25C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 131 798 A (PRENGAMAN R DAVID) 17 October 2000 (2000-10-17) column 3, line 57 - column 4, line 38; figures 3,4 ---	1-3,6,8, 9
X	US 5 172 850 A (PRENGAMAN RAYMOND D ET AL) 22 December 1992 (1992-12-22) column 3, line 10 - line 30; figures 3,4 ---	1-3,6,8, 9
A	US 5 492 609 A (ASSENMACHER WILLIAM) 20 February 1996 (1996-02-20) column 4, line 45 - line 67 ---	1-3,6-9
A	EP 0 301 115 A (KIDD CREEK MINES LTD) 1 February 1989 (1989-02-01) column 4, line 18 - line 32; claim 1; figure 5 --- -/-	1-3,6,8, 9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

4 September 2003

Date of mailing of the international search report

19/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Teppo, K-M

INTERNATIONAL SEARCH REPORT

Int. Application No.

PCT/CA 03/00919

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	<p>WO 03 062497 A (MOUNT ISA MINES ;WEBB WAYNE KEITH (AU)) 31 July 2003 (2003-07-31) claims 1,2,7; figures 1-3 -----</p>	<p>1-3,6,8, 9</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/00919

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6131798	A	17-10-2000	AT 239108 T	15-05-2003
			CA 2348491 A1	06-07-2000
			DE 69907520 D1	05-06-2003
			EP 1147247 A1	24-10-2001
			WO 0039366 A1	06-07-2000
			ZA 200103430 A	26-07-2002
US 5172850	A	22-12-1992	NONE	
US 5492609	A	20-02-1996	CA 2169521 A1	15-08-1997
EP 0301115	A	01-02-1989	CA 1263627 A1	05-12-1989
			AU 600962 B2	30-08-1990
			AU 7610487 A	27-01-1989
			EP 0301115 A1	01-02-1989
			JP 1042593 A	14-02-1989
			JP 2607535 B2	07-05-1997
			NO 870406 A ,B,	13-08-1987
			US 4882027 A	21-11-1989
WO 03062497	A	31-07-2003	WO 03062497 A1	31-07-2003